

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	17	kil with jae with chang	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 11:06
S2	122	221/113	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/12 11:28
S3	395	221/133	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 11:02
S4	211	221/119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 11:06
S5	236	221/121	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 11:13
S6	498	221/123	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 11:20
S7	192	221/152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 11:23
S8	357	221/154	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 11:26

## EAST Search History

S9	752	221/155	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 11:53
S10	577	221/266	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 12:01
S11	594	221/277	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 12:14
S12	156	312/97.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 12:19
S13	619	312/42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 12:19
S14	35	"690068"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 12:26
S15	18	"844843"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 12:28
S16	11	"1072758"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 12:29

## EAST Search History

S17	13	"1084563"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 12:30
S18	20	"1426844"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 12:31
S19	16	"1546077"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 12:33
S20	7	"1697510"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 12:34
S21	20	"2772811"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 12:35
S22	20	"3036732"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 12:37
S23	22	"4109825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 12:37

## EAST Search History

S31	213	("0395197"   "0542189"   "0629505"   "0736980"   "0819422"   "1322681"   "1347558"   "1426844"   "1517377"   "1697510"   "1719146"   "1883961"   "1905180"   "1923032"   "1934133"   "2013901"   "2176823"   "2208298"   "2435177"   "2647029"   "2672735"   "2706387"   "2791889"   "2876928"   "2886209"   "2906408"   "2952498"   "2986019"   "2990084"   "3025681"   "3104028"   "3115019"   "3122401"   "3179289"   "3241712"   "3294284"   "3306068"   "3365907"   "3410385"   "3462966"   "3627395"   "3680736"   "3712507"   "3722740"   "3769805"   "3991908"   "4267706"   "4284206"   "4314458"   "4373355"   "4382526"   "4449761"   "4586633"   "4589571"   "4700869"   "4767022"   "4876532"   "5190185"   "5265759"   "5295592"   "5339985"   "5407094"   "5447253"   "5472074"   "5476190"   "5485939"   "5590813"   "5607085"   "5642837"   "5732852"   "5836661"   "5857588"   "6056151").PN. OR ("1121804"   "1697510"   "2099267"   "2268688"   "2880906"   "2990084"   "3765738"   "4109825"   "4150766"   "4663943"   "6247611"   "6378724").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 16:33
S32	11	"2990084"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 16:38
S33	17	chang with kil with jae	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 16:40
S34	14	"4663943"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 17:30

## EAST Search History

S35	11	"2990084"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 10:27
S36	224	221/24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 10:29
S37	2	circular and vending and machiner	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 10:31
S38	3474	circular and vending and machine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 10:31
S39	860	circular and vending and dispenser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 10:31
S40	494	circular and vending and dispenser and rotate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 10:34
S41	28	PROBASCO with HAROLD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 10:34
S42	7	"1697510"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 12:25

## EAST Search History

S43	24	"4150766"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 12:29
S44	14	"4663943"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 14:48
S45	6191	rotate and vending and machine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 14:48
S46	2401	rotate and vending and machine and cover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 14:48
S47	175	rotate and vending and machine and cover with rotate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 14:57
S48	140	vending with machine and rotating with cover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 15:05
S49	19	"3765738"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 15:10
S50	959746	rotatable carrossell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 15:11

## EAST Search History

S51	0	rotatable with carrasell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 15:11
S52	184	rotatable with carrousel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 15:11

## EAST Search History

S55	169	"l13" and cover and rotate and housing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 15:15
S56	20	S54 and cover and rotate and housing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 15:29
S57	8611	vending with machine with coin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 15:29
S58	322	vending with machine with coin and collector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 15:30
S59	88	vending with machine with coin and collector and deposit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 16:42
S60	22	"4109825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 16:46
S61	19	"3765738"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 17:07
S62	14	"4258966"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 17:07



## EAST Search History

S63	166439	chang	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 11:01
S64	21590	bearing with support with bracket	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 11:07
S65	6988	bearing with support with bracket and upper and lower with bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 11:07
S66	39	bearing with support with bracket and upper and lower with bearing and vending	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 11:08
S67	1	("2512183").URPN.	USPAT	OR	ON	2006/05/19 10:49
S68	193	dispenser and rotatable near drum	USPAT	OR	ON	2006/05/19 10:50
S69	16	("0869635"   "0976089"   "1072758"   "2077896"   "3114473").PN. OR ("1072758"   "3797701").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 11:03
S70	18	("3680736"   "4382526"   "4586633"   "4589571"   "4700869"   "4767022"   "5190185"   "5265759"   "5295592"   "5407094"   "5447253"   "5476190"   "5590813"   "5607085"   "5642837"   "5836661"   "5857588").PN. OR ("6247611").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 11:05
S71	32	("0478863"   "1718572"   "2870895"   "2870937"   "2954948"   "3270915").PN. OR ("3680736"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 11:11
S72	22	"4109825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 13:37

## EAST Search History

S73	5643	rotate and vending near machine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 13:38
S74	1225	rotate and vending near machine and teeth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 13:38
S75	1024	rotate and vending near machine and teeth and engage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 13:38
S76	74	rotate and vending near machine and teeth and engage and one-way	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 13:40
S77	1363	pill with dispenser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 13:40
S78	367	pill with dispenser and rotate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 13:45
S79	422	dispenser and rotate and locking and teeth and plunger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 13:47
S80	22	dispenser and rotate and locking and teeth and plunger and locking near teeth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:24

## EAST Search History

S81	8	one with way near rotating and dispenser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:25
S82	10	one-way near rotating and dispenser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:27
S83	36	one-way near indexing and mechanism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:29
S84	32	one-way near indexing and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:30
S85	60974	one-way and teeth indexing and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:30
S86	15314	one-way and teeth indexing and spring and movable and dispensr	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:30
S87	0	one-way and teeth and indexing and spring and movable and dispensr	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:31
S88	590	one-way and teeth and indexing and spring and movable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:31

## EAST Search History

S89	561	one-way and teeth and indexing and spring and movable and engage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:31
S90	766	one-way and teeth and indexing and spring and move and engage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:31
S91	1909529	one-way and teeth and indexing and spring and move and engage pin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:32
S92	629	one-way and teeth and indexing and spring and move and engage and pin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:32
S93	629	one-way and teeth and indexing and spring and move and engage and pin and teeth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:32
S94	24	"2099267"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:39
S95	387	vending and machine with locking and teeth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:40
S96	1801	vending and machine with rotating andlocking and teeth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:40

## EAST Search History

S97	130	vending and machine with rotating and locking and teeth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 14:45
S98	22	"4109825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 16:18
S99	313	indexing and rotate and vending and machine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 16:18
S10 0	6201	indexing and teethand rotate and vending and machine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 16:19
S10 1	131	indexing and teeth and rotate and vending and machine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 16:22
S10 2	50159	vending with machines	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 16:23
S10 3	5079	vending with machines and engagement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 16:23
S10 4	1259	vending with machines and engagement and teeth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 16:23

## EAST Search History

S10 5	86	vending with machines and engagement and teeth and one-way	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 16:23
S10 6	2487	one way rotating vending machine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/22 12:54
S10 7	761	one way rotating vending machine lock engage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/22 12:54
S10 8	312	one way rotating vending machine lock engage teeth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/22 12:54
S10 9	6	("2990084").URPN.	USPAT	OR	ON	2006/05/22 14:22
S11 0	27	("0819422"   "1517377"   "1697510"   "2876928"   "2990084"   "3122401").PN. OR ("4109825").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 16:09
S11 1	7	"2512183"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 16:30
S11 2	227	221/14	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 16:35
S11 3	298	vending and rotate and aligning opening	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/22 16:40
S11 4	16568	reciprocal locking	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/22 16:40
S11 5	9048	reciprocal locking rotate	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/22 16:40
S11 6	142	reciprocal locking rotate vending	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/22 16:50

## EAST Search History

S11 7	10	312/46	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/22 17:04
S11 8	5	"3797701"	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/22 17:05
S11 9	14	("0869635"   "0976089"   "1072758"   "2077896"   "3114473").PN. OR ("3797701").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 17:21
S12 0	17	"2099267"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 17:21
S12 1	4	("2529222").URPN.	USPAT	OR	ON	2006/05/22 17:31